**IN THE CLAIMS**:

Please amend claims 1, 10, 19, and 20, and add new claim 21 as follows.

1. (Currently Amended) A method ~~for synchronizing a multi-mode base station using one clock, when the systems to be synchronized are a GSM-type telecommunications system and a WCDMA-type telecommunications system, the method~~ comprising:

<u>synchronizing a multi-mode base station using one clock, when the systems to be synchronized are a GSM-type telecommunications system and a WCDMA-type telecommunications system;</u>

selecting the clock of the WCDMA-type system or a multiple thereof as the system clock of the multi-mode base station<u>;</u>[[,]]

implementing the system clock of the GSM-type system using multiples of the frequency of the selected clock<u>;</u>[[,]]

synchronizing the frame structure of the GSM-type system at intervals of thirteen frames or a multiple of thirteen frames.

2. (Original) A method as claimed in claim 1, wherein the system clock of the WCDMA-type system is 3.84 MHz.

3. (Original) A method as claimed in claim 1, wherein the system clock of the GSM-type system is 13 MHz.

4. (Original) A method as claimed in claim 1, wherein the WCDMA-type system is a UMTS system.

5. (Original) A method as claimed in claim 1, wherein the GMS-type system is GSM.

6. (Original) A method as claimed in claim 1, wherein the GMS-type system is GSM/EDGE.

7. (Original) A method as claimed in claim 1, wherein the GMS-type system is GPRS.

8. (Original) A method as claimed in claim 1, wherein the GMS-type system is EGPRS.

9. (Original) A method as claimed in claim 1, wherein the GMS-type system is IS-136HS.

10. (Currently Amended) An arrangement ~~for synchronizing a multi-mode base station using one clock, when the systems to be synchronized are a GSM-type telecommunications system and a WCDMA-type telecommunications system, the arrangement~~ comprising:

~~means (624, 628) for implementing~~ an implementing module configured to implement ~~the~~ a system clock of ~~the~~ a GSM-type system using multiples of ~~the~~ a frequency of ~~the~~ a WCDMA-type system clock, wherein the arrangement is configured to synchronize a multi-mode base station using one clock, when the systems to be synchronized are a GSM-type telecommunications system and a WCDMA-type telecommunications system; and

~~means (624, 626, 628) for synchronizing~~ a synchronization module configured to synchronize the frame structure of the GSM-type system at intervals of thirteen frames or a multiple of thirteen frames.

11. (Original) An arrangement as claimed in claim 10, wherein the system clock of the WCDMA-type system is 3.84 MHz.

12. (Original) An arrangement as claimed in claim 10, wherein the system clock of the GSM-type system is 13 MHz.

13. (Original) An arrangement as claimed in claim 10, wherein the WCDMA-type system is a UMTS system.

14. (Original) An arrangement as claimed in claim 10, wherein the GMS-type system is GSM.

15. (Original) An arrangement as claimed in claim 10, wherein the GMS-type system is GSM/EDGE.

16. (Original) An arrangement as claimed in claim 10, wherein the GMS-type system is GPRS.

17. (Original) An arrangement as claimed in claim 10, wherein the GMS-type system is EGPRS.

18. (Original) An arrangement as claimed in claim 10, wherein the GMS-type system is IS-136HS.

19. (Currently Amended) A multi-mode base station using one clock, ~~when the systems to be synchronized are a GSM-type telecommunications system and a WCDMA-type telecommunications system,~~ the multi-mode base station comprising:

implementing means (624, 628) for implementing ~~the~~ a system clock of ~~the~~ a GSM-type system using multiples of ~~the~~ a frequency of ~~the~~ a WCDMA-type system clock; and [[,]]

synchronizing means (624, 626, 628) for synchronizing the frame structure of the GSM-type system at intervals of thirteen frames or a multiple of thirteen frames.

20. (Currently Amended) A multi-mode base station using one clock, ~~when the systems to be synchronized are a GSM-type telecommunications system and a WCDMA-type telecommunications system,~~ the multi-mode base station comprising:

an implementing module configured to implement ~~means (624, 628) implementing the~~ a system clock of ~~the~~ a GSM-type system using multiples of ~~the~~ a frequency of ~~the~~ a WCDMA-type system clock; and [[,]]

a synchronizing module configured to synchronize ~~means (624, 626, 628) synchronizing~~ the frame structure of the GSM-type system at intervals of thirteen frames or a multiple of thirteen frames.

21. (New) An arrangement, comprising:

implementing means for implementing the system clock of the GSM-type system using multiples of the frequency of the WCDMA-type system clock, wherein synchronizing a multi-mode base station using one clock, when the systems to be synchronized are a GSM-type telecommunications system and a WCDMA-type telecommunications system; and

synchronizing means for synchronizing the frame structure of the GSM-type system at intervals of thirteen frames or a multiple of thirteen frames.